

# Blood

Answer the following questions using information from the textbook.

1. What percentage of your body mass is blood? \_\_\_\_\_
2. What is blood made of? \_\_\_\_\_
3. What is plasma made of? \_\_\_\_\_
4. Which gas does blood carry to cells of the body? What else does it carry to the cells?  
\_\_\_\_\_
5. Which gas does blood carry away from cells of the body? What else does it carry away from the cells? \_\_\_\_\_
6. Which type of blood cells are more numerous in the blood? \_\_\_\_\_
7. What type of blood cells fight infection? \_\_\_\_\_
8. What blood type contains both substance A and substance B? \_\_\_\_\_
9. What blood type contains neither substance A nor substance B? \_\_\_\_\_
10. How long do red blood cells live? \_\_\_\_\_  
How long do white blood cells live? \_\_\_\_\_

Complete the following sentences with the appropriate words from the textbook.

11. Red blood cells contain \_\_\_\_\_, a chemical that can pick up oxygen and carbon dioxide.
12. A person receives blood or blood parts during a \_\_\_\_\_.
13. A disease in which one or more types of white blood cells are produced in greater number is called \_\_\_\_\_.
14. A disorder in which there are few red blood cells or too little hemoglobin in the blood is called \_\_\_\_\_.
15. The liquid part of blood that is mostly made of water is called \_\_\_\_\_.
16. The odd-shaped cell fragments that help clot blood are called \_\_\_\_\_.
17. \_\_\_\_\_ fight bacteria, viruses, and other foreign substances in the body.
18. Blood groups and \_\_\_\_\_ are checked before transfusions are given.
19. Your body reacts to infection by \_\_\_\_\_ its white blood count.